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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/748,361
		Filing Date	December 30, 2003
		First Named Inventor	James T. Ray
		Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	C03252US (60713.1C2)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>JL</i>		US- 1,260,015	03-19-1918	Noakes	
		US- 1,291,273	01-14-1919	Tyler	
		US- 2,222,183	11-19-1940	Rocheville	
		US- 2,456,417	12-14-1948	Horsdal	
		US- 2,583,430	01-22-1952	Kadenacy	
		US- 3,287,904	11-29-1966	Warren et al.	
		US- 3,722,837	03-27-1973	Dapprich	
		US- 3,834,161	09-10-1974	Quigley, Jr. et al.	
		US- 4,050,237	09-27-1977	Pall et al.	
		US- 4,424,013	01-03-1984	Bauman	
		US- 4,640,153	02-03-1987	Brogdon et al.	
		US- 4,646,515	03-03-1987	Guirguis	
		US- 4,845,944	07-11-1989	Rodgers	
		US- 4,897,995	02-06-1990	Guirguis	
		US- 5,050,374	09-24-1991	Hunter	
		US- 5,165,225	11-24-1992	Lampe et al.	
		US- 5,185,996	02-16-1993	Smith et al.	
<i>JL</i>		US- 5,474,043	12-12-1995	Mallen	
		US-			

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

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